From: Jordan, Ronald Thur 2/6/2014 2:43:09 PM Sent: Subject: RE: Merrimack Station - quick question You are correct. It is an annual value, so more precisely it is kW-hr/year From: DeMeo, Sharon M. Sent: Wednesday, February 05, 2014 11:50 AM To: Jordan, Ronald Subject: Merrimack Station - quick question Hi Ron, Thanks again for chatting with Mark and I last week. It was very helpful. I had mentioned an email that you sent me (see below), in 2011 where you had indicated that "[t]he chemical precipitation technology option is estimated to generate 1,976 tons of solids per year, and require 339,017 kW-hr of electricity." I just want to confirm with you that the kW-hr value is an annual figure. Thanks, Sharon Sharon DeMeo US EPA – Region 1

To:

Phone: 617-918-1995

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DeMeo, Sharon M.[Demeo.Sharon@epa.gov]

Non-water quality environmental impacts for FGD wastewater treatment option Ronald Jordan

to:

Sharon DeMeo 09/16/2011 09:57 AM

Cc:

John King, Mark Stein, Jezebele Alicea, Jan Matuszko

Hide Details

From: Ronald Jordan/DC/USEPA/US

To: Sharon DeMeo/R1/USEPA/US@EPA

Cc: John King/R1/USEPA/US@EPA, Mark Stein/R1/USEPA/US@EPA, Jeze Alicea/DC/USEPA/US@EPA, Jan Matuszko/DC/USEPA/US@EPA

Sharon,

On Sept 13, I sent you an email summarizing estimated costs and pollutar technology options for treating the FGD wastewater at Merrimack Station.

In response to your question about non-water quality environmental impact the solid waste generation (i.e., treatment solids that require transport/diselectricity demand associated with operation of the treatment technologies

The chemical precipitation technology option is estimated to generate 1,97 and require 339,017 kW-hr of electricity. Please keep in mind that these vaccharacteristics of the FGD purge entering the treatment system, and thus the estimate includes solids that would have been removed if Merrimack Static pond or other system to meet the BPT effluent limits in 40 CFR part 423 (in this NIWO) estimate, we did not calculate the fraction of solids that would'y